

<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>		ATTORNEY'S DOCKET NUMBER <b>Nucore, Inc</b> <b>1538.110 ne PCT</b> U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <b>10/750,314</b>
INTERNATIONAL APPLICATION NO. <b>PCT/US2004/000029</b>	INTERNATIONAL FILING DATE <b>02 January 2004</b>	PRIORITY DATE CLAIMED <b>03 January 2003</b>
TITLE OF INVENTION <b>Self Damped Inductor</b>		
APPLICANT(S) FOR DO/EO/US <b>Nucore, Inc. et al Andrew E. Flanders Andrew Barcz Bradley E. Tudak</b>		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371.</li> <li>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371.</li> <li>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</li> <li>4. <input checked="" type="checkbox"/> The US has been elected (Article 31).</li> <li>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))               <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input checked="" type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li>6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).               <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto.</li> <li>b. <input checked="" type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ol> </li> <li>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))               <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</li> <li>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol>		
<b>Items 11 to 20 below concern document(s) or information included:</b>		
<ol style="list-style-type: none"> <li>11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li>13. <input type="checkbox"/> A preliminary amendment.</li> <li>14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</li> <li>15. <input type="checkbox"/> A substitute specification.</li> <li>16. <input type="checkbox"/> A power of attorney and/or change of address letter.</li> <li>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.</li> <li>18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).</li> <li>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</li> <li>20. <input type="checkbox"/> Other items or information:</li> </ol>		

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

US

Annex US.II, page 2

PCT Applicant's Guide - Volume II - National Chapter - US

PTO-1390 (Rev. 02-2005)

Approved for use through 3/31/2007. OMB 0651-0021

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE  
unless it displays a valid OMB control number.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICATION NO. (if known, see 37 CFR 1.5)		INTERNATIONAL APPLICATION NO.		ATTORNEY'S DOCKET NUMBER	
App.# 10/150,214		PCT/US2004/000039		Nucore, Inc. 1538.110 ng PCT	
The following fees have been submitted				CALCULATIONS	PTO USE ONLY
21. <input checked="" type="checkbox"/> Basic national fee..... \$300				\$ 300.00	
22. <input type="checkbox"/> Examination fee If international preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4)..... \$100 All other situations..... \$200				\$	
23. <input type="checkbox"/> Search fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority..... \$100 International Search Report prepared and provided to the Office..... \$400 All other situations..... \$500				\$	
TOTAL OF 21, 22 and 23 =				\$ 300.00	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
- 100 =	/50 =		x \$250	\$	
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(h)).				\$	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$	
Total claims	- 20 =		x \$ 50	\$	
Independent claims	- 3 =		x \$200	\$	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360	\$	
TOTAL OF ABOVE CALCULATIONS =				\$ 300.00	
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/3.					
SUBTOTAL =				\$ 150.00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).				\$	
TOTAL NATIONAL FEE =				\$ 150.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				\$	
TOTAL FEES ENCLOSED =				\$ 150.00	
				Amount to be refunded:	\$
				Amount to be charged:	\$
<p>a. <input checked="" type="checkbox"/> A check in the amount of \$ 150.00 to cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. _____. A duplicate copy of this sheet is enclosed.</p> <p>d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</p> <p>NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the international Application to pending status.</p> <p>SEND ALL CORRESPONDENCE TO:</p> <p>Mr. David C. DeThier President, Nucore, Inc. 5285 NE Elam Young Pkwy Suite A 500 Hillsboro, OR 97124</p> <p>SIGNATURE David C. DeThier NAME N/A REGISTRATION NUMBER</p>					

FORM PTO-1390 (REV. 02-2005)

Page 2 of 2

INVENTORS: Bradley E. Jelsch, Andrew Bartha, Andrew E. Planders  
(17 February 2005)

**Mr. David C. De Their**  
**President, Nucore, Inc.**  
**5285 NE Elam Young Parkway. Suite A 500**  
**Hillsboro, Oregon 97124**  
**Phone: (503) 640-1500**  
**Fax: (503) 640-6670**

June 29, 2005

Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450  
United States of America

Re: U.S. Application No. 10/750,214  
International Application No. PCT/US2004/000029  
Title: Self Damped Inductor  
Priority Date: 03 January 2003  
International Filing Date: 02 January 2004  
Nucore Inc. Reference Docket #: Nucore, Inc. 1534.110 np PCT  
Applicants: Nucore, Inc. et al  
Mr. Andrew E. Flanders – Inventor  
Mr. Andrew Barthä – Inventor  
Mr. Bradley E. Judah – Inventor

Dear Examiner:

This letter accompanies Nucore, Inc.'s and the Inventors USPTO Form PTO-1390 "Transmittal Letter to the United States Designated/Elected Office (DO/EO/US) Concerning a Submission Under 35 U.S.C. 371 with regard to the above-referenced Application for the invention titled "Self Damped Inductor".

It is the intent of the Applicant that this the executed Form PTO-1390 and the remaining documents that accompany this letter will serve to clearly identify the fact that Applicant desires entry into the National Phase under the PCT, and wishes to designate the United States as the Designated Office and the sole country in which patent coverage will be sought. It is not the intent of the Applicant to seek patent protection in countries other than the United States of America.

No copy of the International Application is provided herewith as it is our understanding that no copy is required if the International Application was filed with the USPTO as the receiving Office, and we believe that the USPTO was the receiving Office. As we are currently without Patent Counsel, please inform us if a copy is required in order that a copy may be provided.

Included with this letter are:

1. A copy of the "PCT Second and Supplementary Notice Informing the Applicant of the Communication of the International Application (To Designated Offices Which Apply the 30 Month time Limit Under Article 22(1))".

2. Payment of the Basic National Fee of \$150.00 for a Small Entity as provided in Section 41(a) of 35 USC 371.

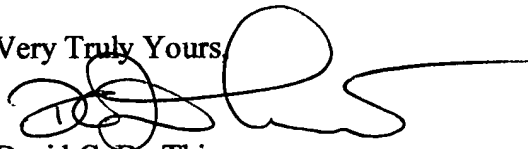
3. A new Form PTO/SB/01 executed by the inventors in order to assert the Applicant's entitlement to claim the priority of the earlier application and in order to serve as any required Declaration of Inventorship. This Form is unchanged from the Applicant's previous submission of the same Form. It is being submitted, as the Applicant is not certain whether or not a new second Oath or Declaration of Inventorship is required under the USPTO Rules.

Please note that Applicant is uncertain as to whether or not Applicant's previous patent counsel has entered into any Amendment of the Claims with respect to the original submission of the Application for Applicant's Self Damped Inductor. Should such have been the case, please so inform Applicant as to any changes that may be required in our submission at the present time in order that we may undertake any appropriate corrective action that may be necessary.

If necessary in order to prevent any abandonment of this Application, please treat this letter as a request for any available extensions of time under 35 USC 371. Please also inform Applicant as to any associated fees and any deadlines associated with such a request and the length of time of any extension granted.

Thank you for your assistance in these matters.

Very Truly Yours,



David C. De Thier  
President, Nucore, Inc.

Inventors

Andrew E. Flender

Andy Bartha

Bradley E. Gulsh